

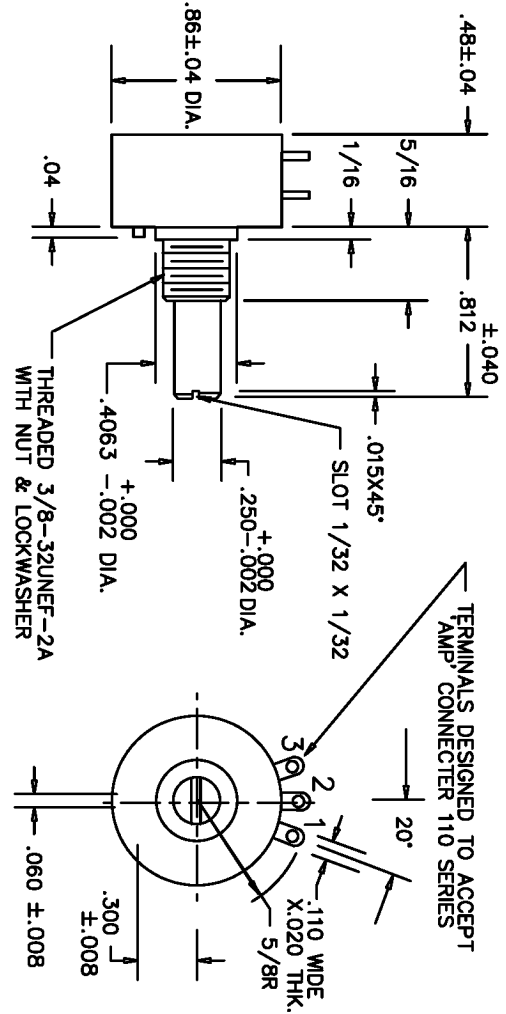
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REV.	BY	DATE	APPRVL.	P/N
E	DM	7/25/96	BT	SW22E

ADDED 20K SPECS TO VALUES CHART

SPECIFICATIONS

RESISTANCE RANGE ----- 50 OHMS TO 20K OHMS
 RESISTANCE TOLERANCE ----- ±3%
 INDEPENDENT, LINEARITY ----- ±0.5%
 POWER RATING ----- 0.5 WATTS
 ELECTRICAL NOISE ----- 100 OHM MAX.
 ELECTRICAL ANGLE ----- 320±5°
 MECHANICAL ANGLE ----- 320±5°
 STOP STRENGTH ----- 84 OZ.IN.MIN.
 END RESISTANCE ----- 2% OR 1 OHM MAXIMUM
 RESOLUTION ----- SEE CHART
 INSULATION RESISTANCE ----- 1000 MEGOHMS AT 1000 VDC MIN.
 DIELECTRIC STRENGTH ----- 1000 VAC
 STARTING TORQUE ----- 0.8 OZ.IN.MAX.
 TEMPERATURE COEFFICIENT ----- SEE CHART
 WEIGHT ----- APPROX. 0.7 OZ.
 OPERATING TEMPERATURE ----- -55°C TO +105°C
 ROTATIONAL LIFE ----- 500,000 SHAFT REVOLUTIONS



MATERIALS

HOUSING----- HIGH TEMP. THERMO PLASTIC
 TERMINALS----- GOLD PLATED BRASS
 BUSHING----- BRASS
 SHAFT----- STAINLESS STEEL
 RESISTIVE ELEMENT----- WIREWOUND

NON-STANDARDS AVAILABLE

MULTI-RANGED UP TO 6 SECTIONS
 REAR SHAFT EXTENSION
 FRONT SHAFT MODIFICATIONS
 CENTER TAP
 SPECIAL ELECTRICAL AND MECHANICAL ANGLES

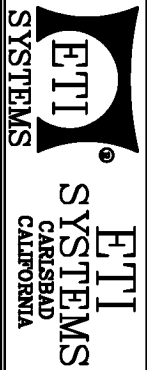
STANDARD RESISTANCE VALUES CHART

RESISTANCE (OHMS)	50	100	200	500	1K	2K	5K	10K	20K
RESOLUTION	.33	.27	.21	.22	.17	.13	.10	.08	.06
TEMPERATURE COEFFICIENT PPM/°C	80	80	80	20	20	20	20	20	20

TOLERANCES

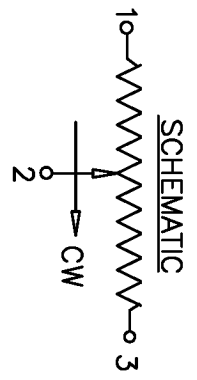
XX = +/- .010° FRACT. = +/- 1/64°
 XXX = +/- .005° ANGLES = +/- 1/2°
 ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SCALE	DATE: 8/4/86
NONE	BY BT
APPRV/D	BT
CODE IDENT: 19477	



TITLE
 SINGLE TURN
 POTENTIOMETER

PART NO.
 SW22E



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